

Fig. 1(A)

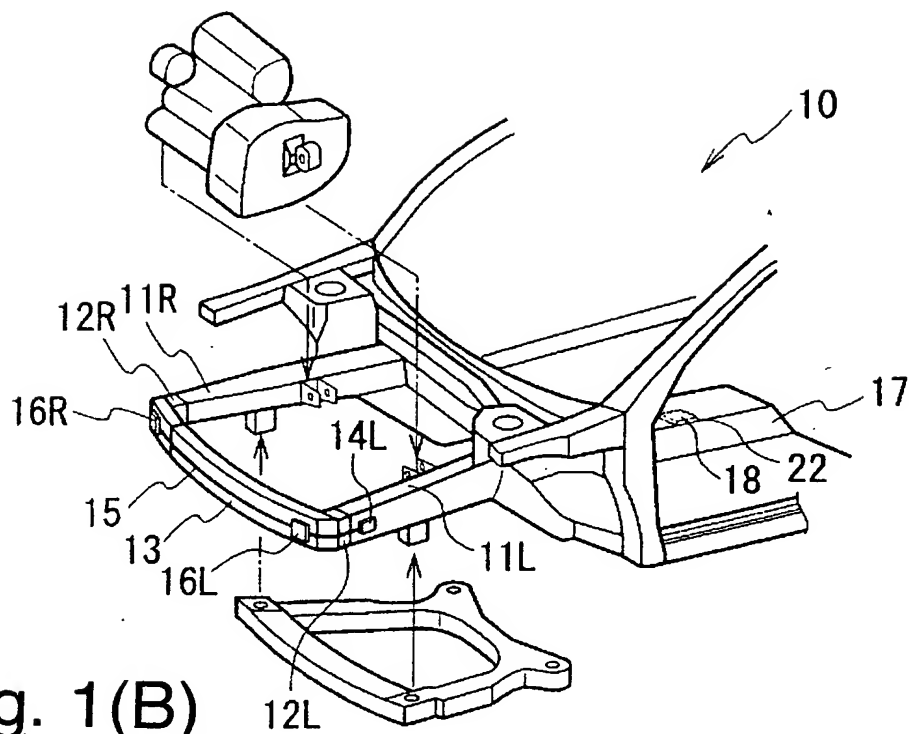


Fig. 1(B)

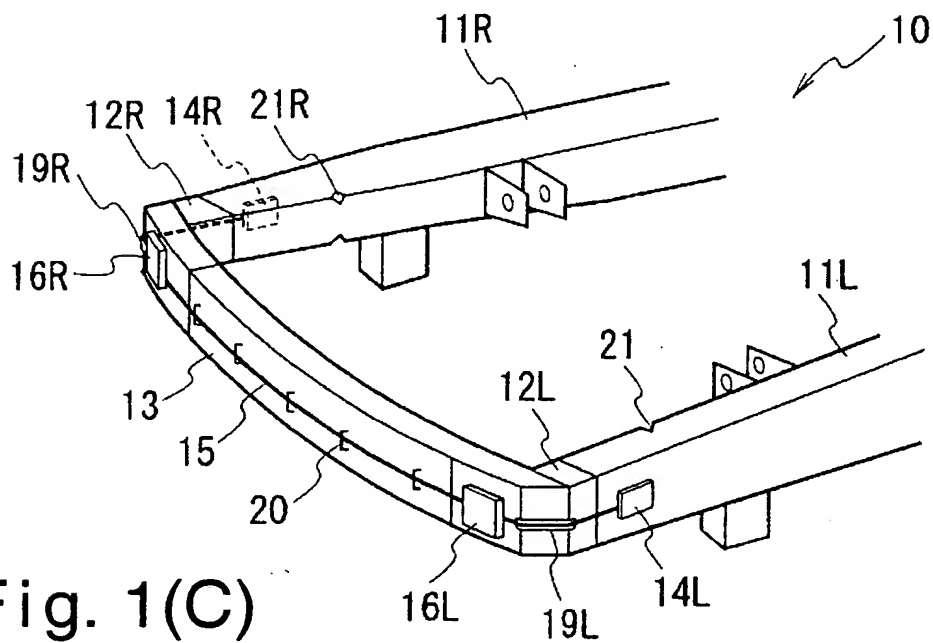


Fig. 1(C)

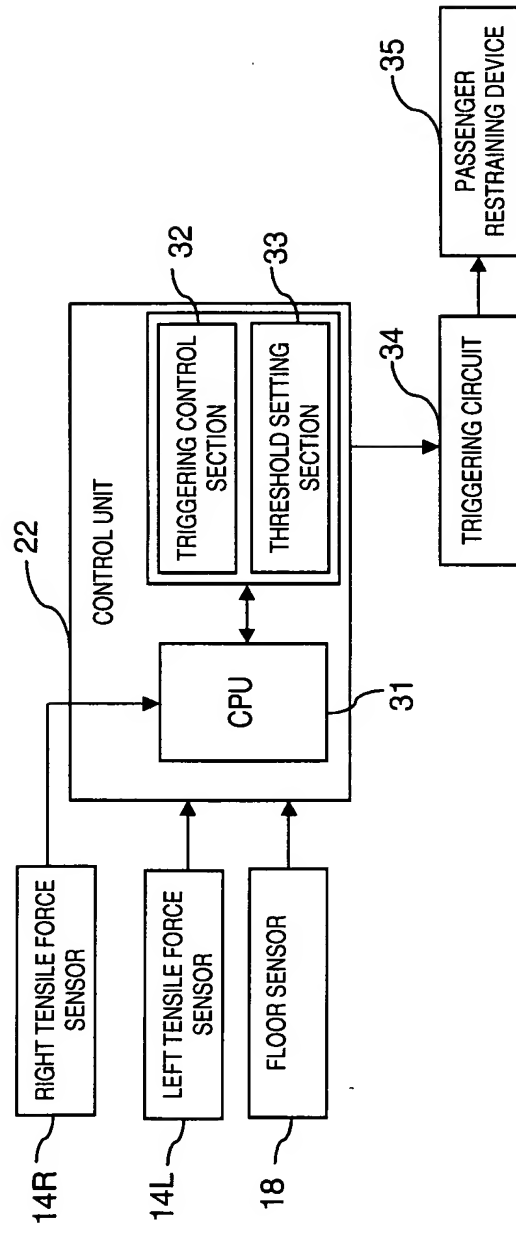


Fig. 2

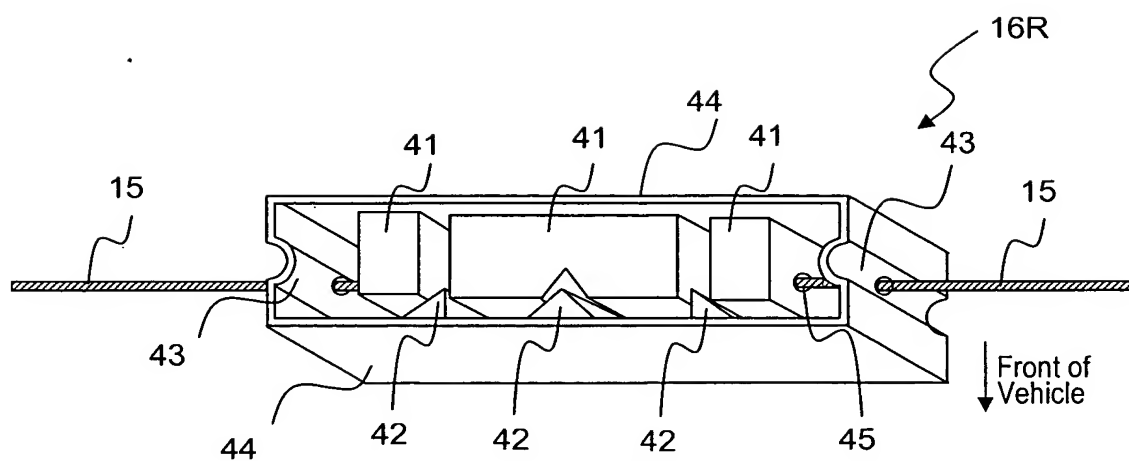


Fig. 3(A)

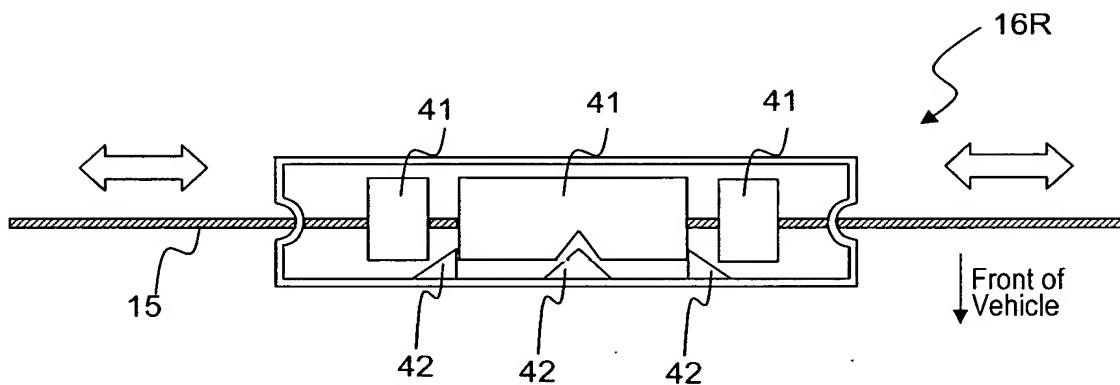


Fig. 3(B)

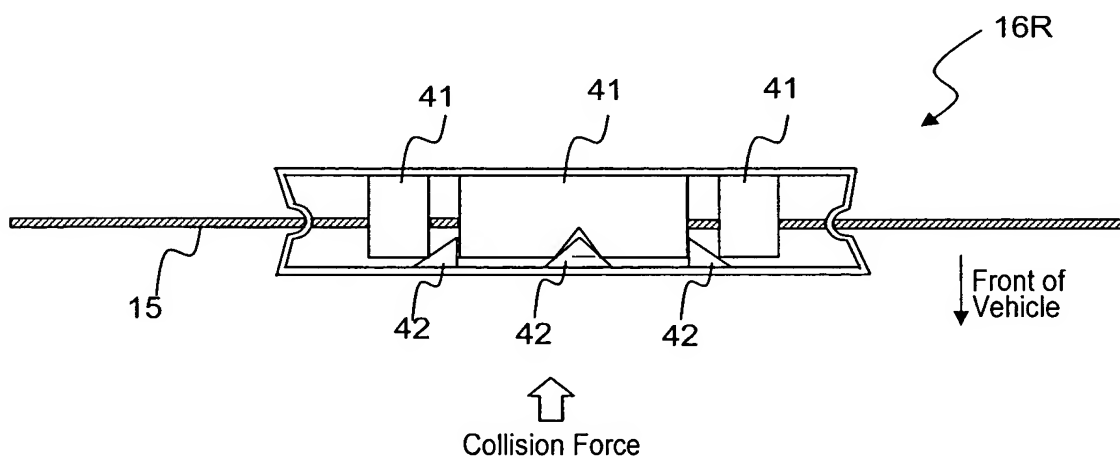
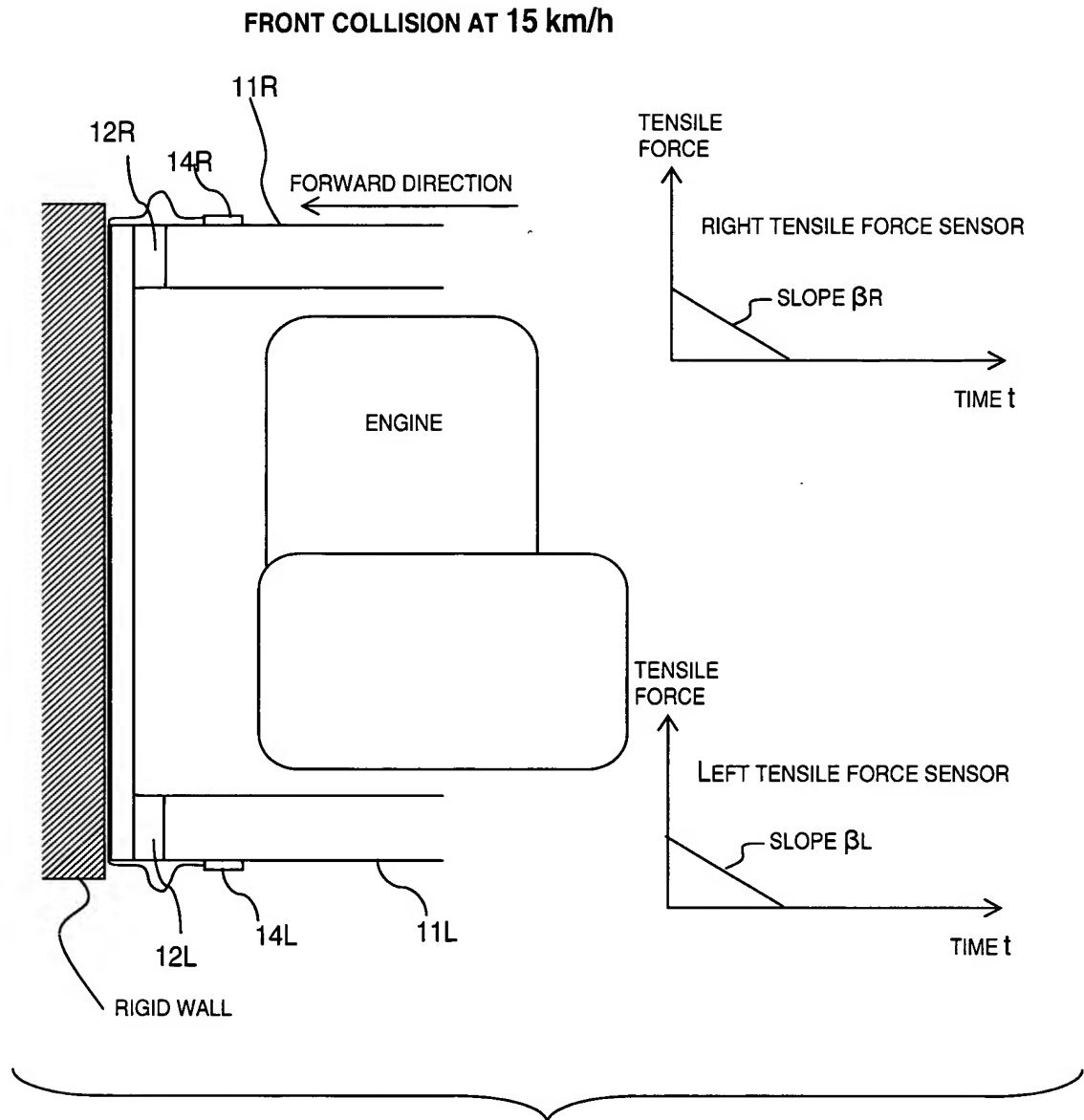


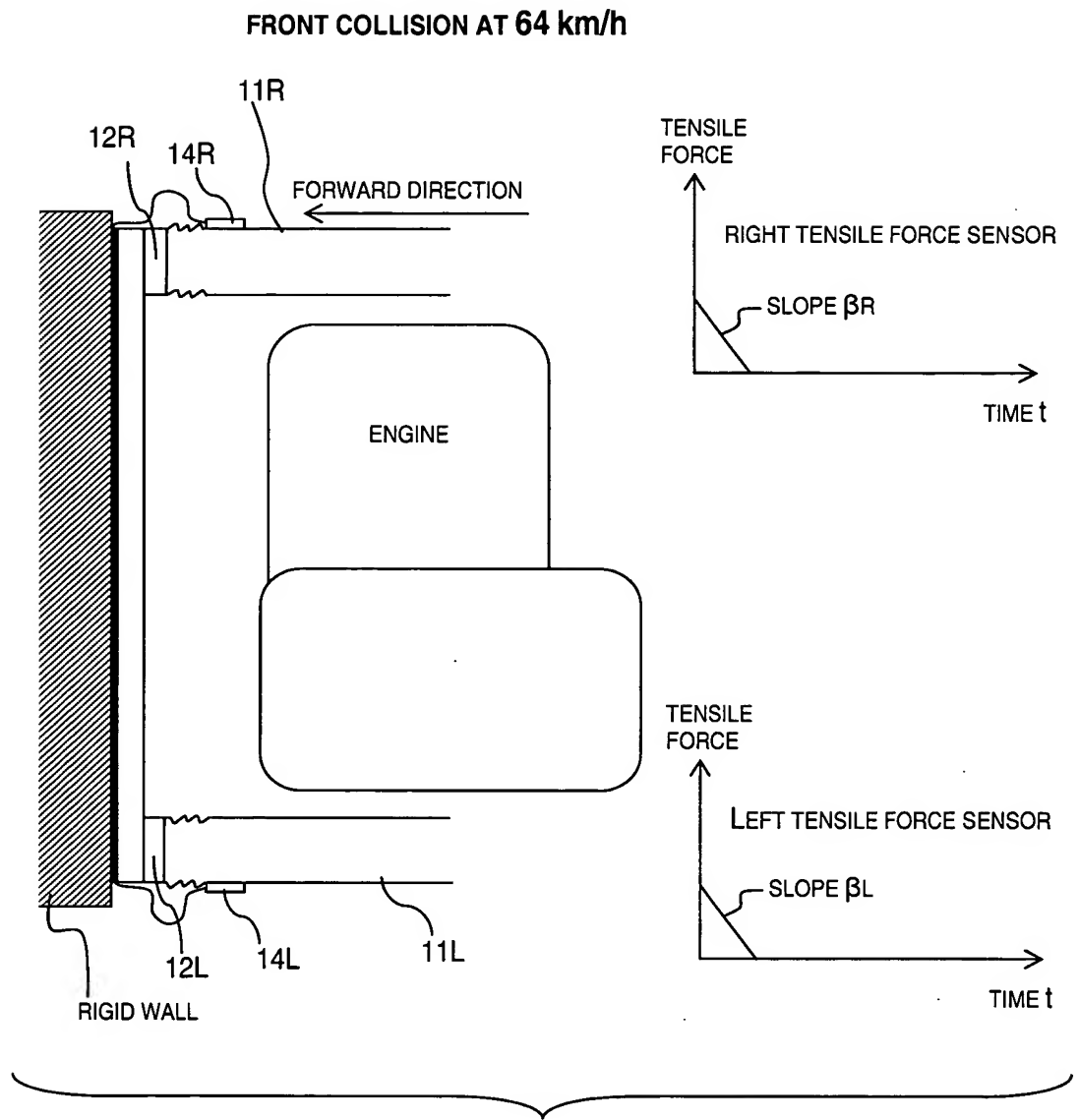
Fig. 3(C)

Figure 1 is a schematic diagram of a vehicle chassis and two graphs showing tensile force over time. The chassis diagram shows a rigid wall on the left, a central engine, and various structural members labeled 11R, 11L, 12R, 12L, 13, 14R, 14L, 16R, and 16L. An arrow indicates the "FORWARD DIRECTION" to the left. Two graphs on the right show "TENSILE FORCE" vs "TIME t". The top graph is for the "RIGHT TENSILE FORCE SENSOR" and the bottom for the "LEFT TENSILE FORCE SENSOR". Both graphs show a horizontal line at a constant force level.

Fig. 4(A)



**Fig. 4(B)**



**Fig. 4(C)**

BEFORE OFFSET COLLISION

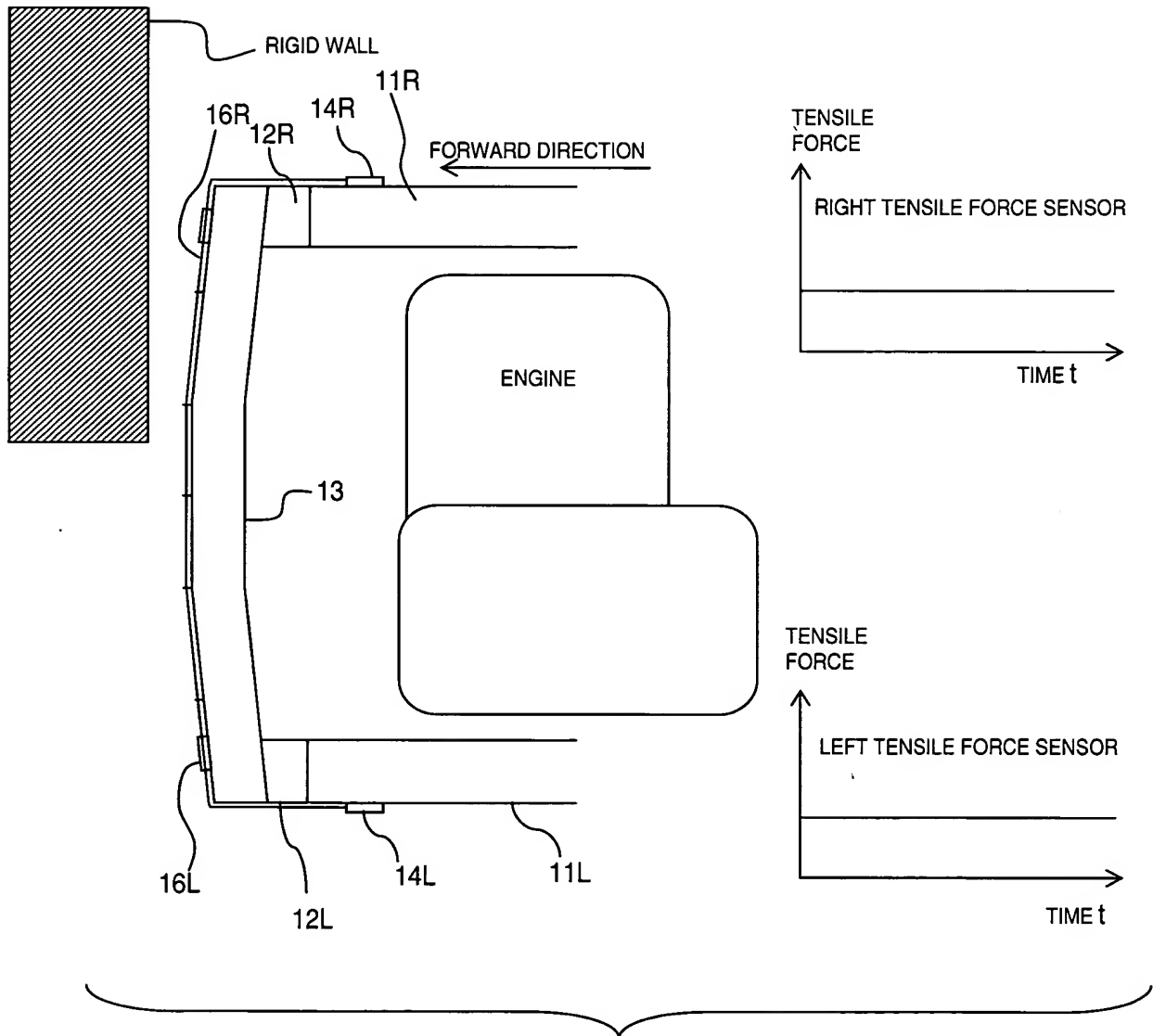


Fig. 5(A)

OFFSET COLLISION AT 15 km/h

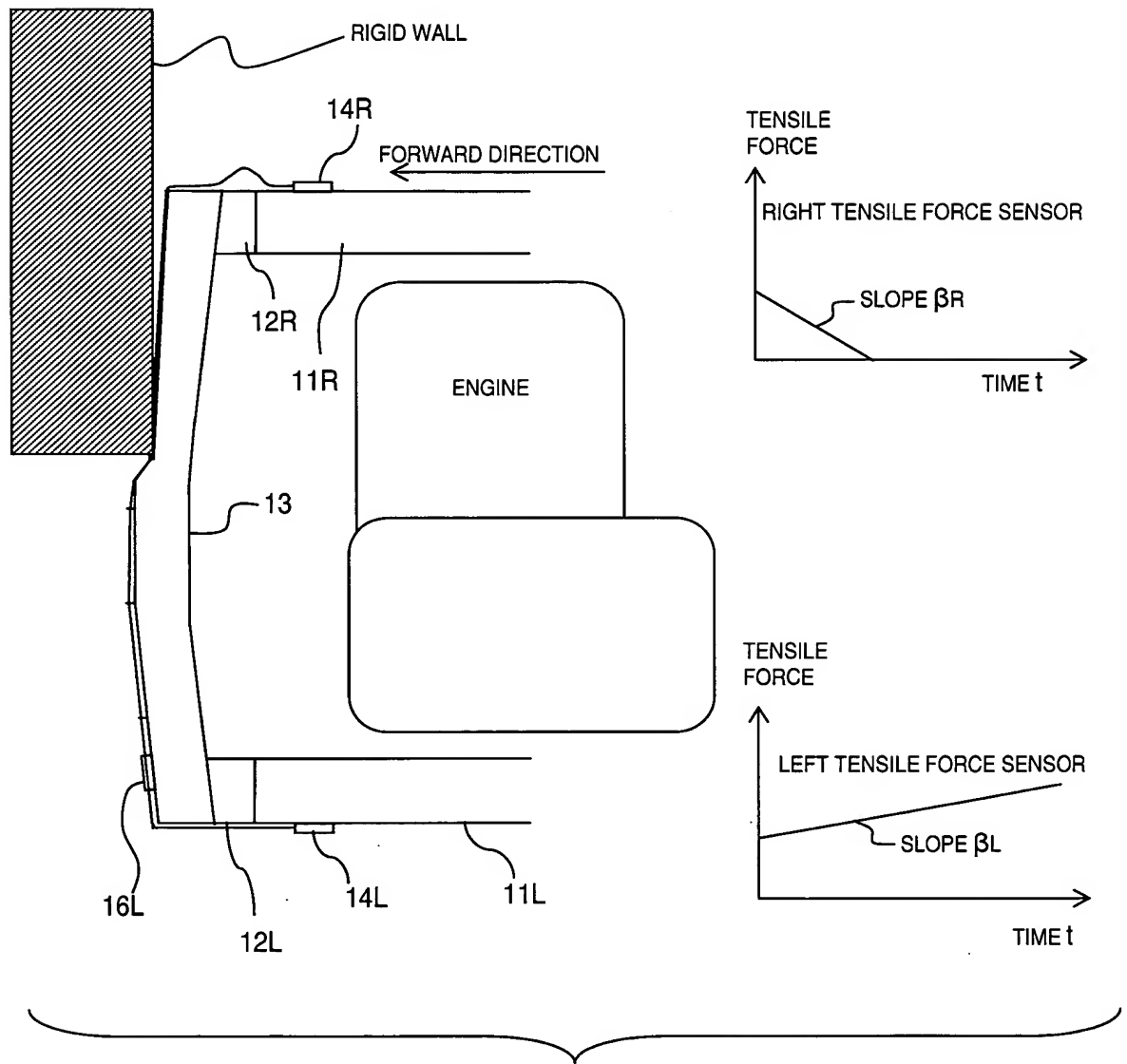


Fig. 5(B)

OFFSET COLLISION AT 64 km/h

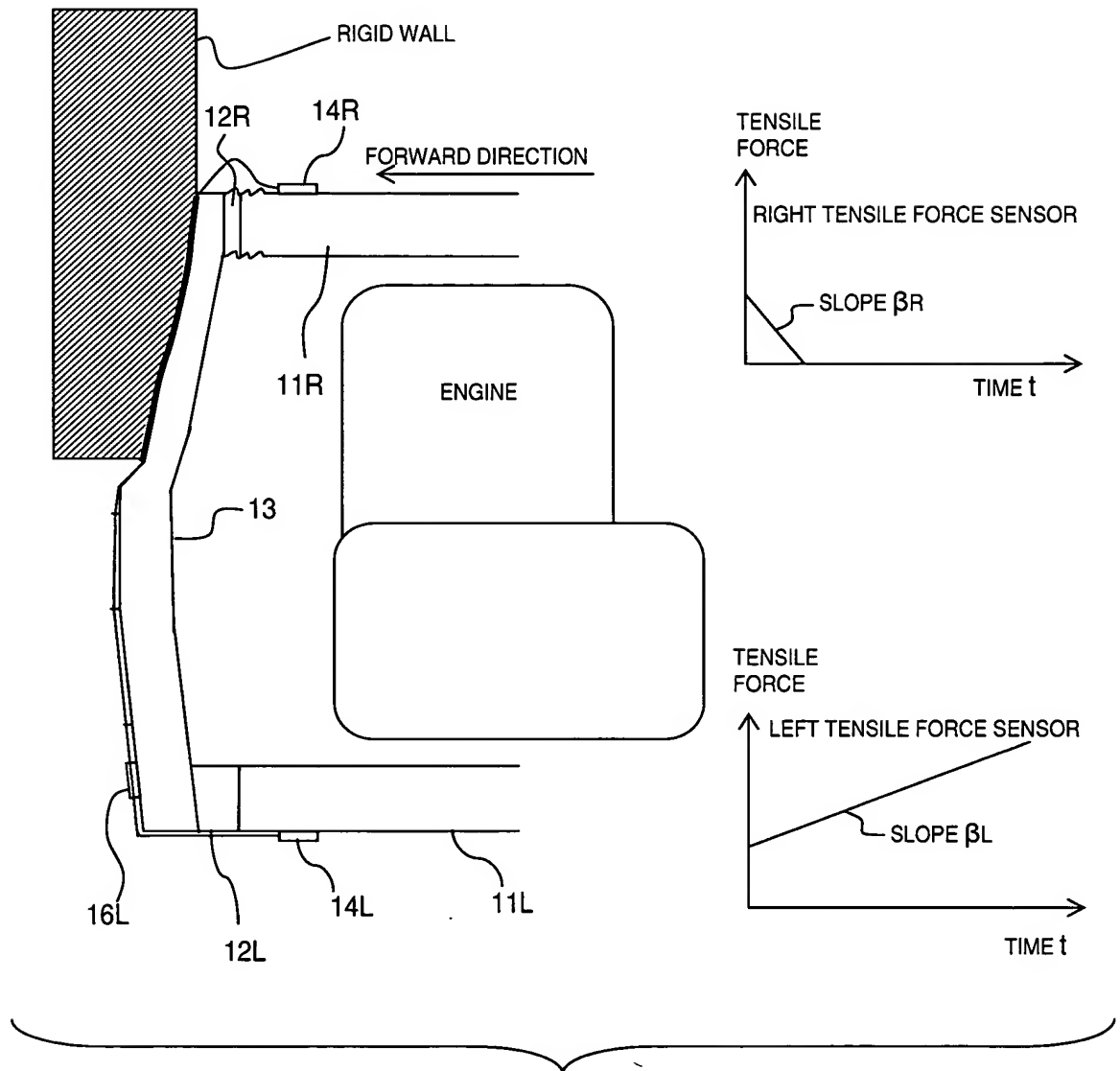


Fig. 5(C)

BEFORE POLE COLLISION

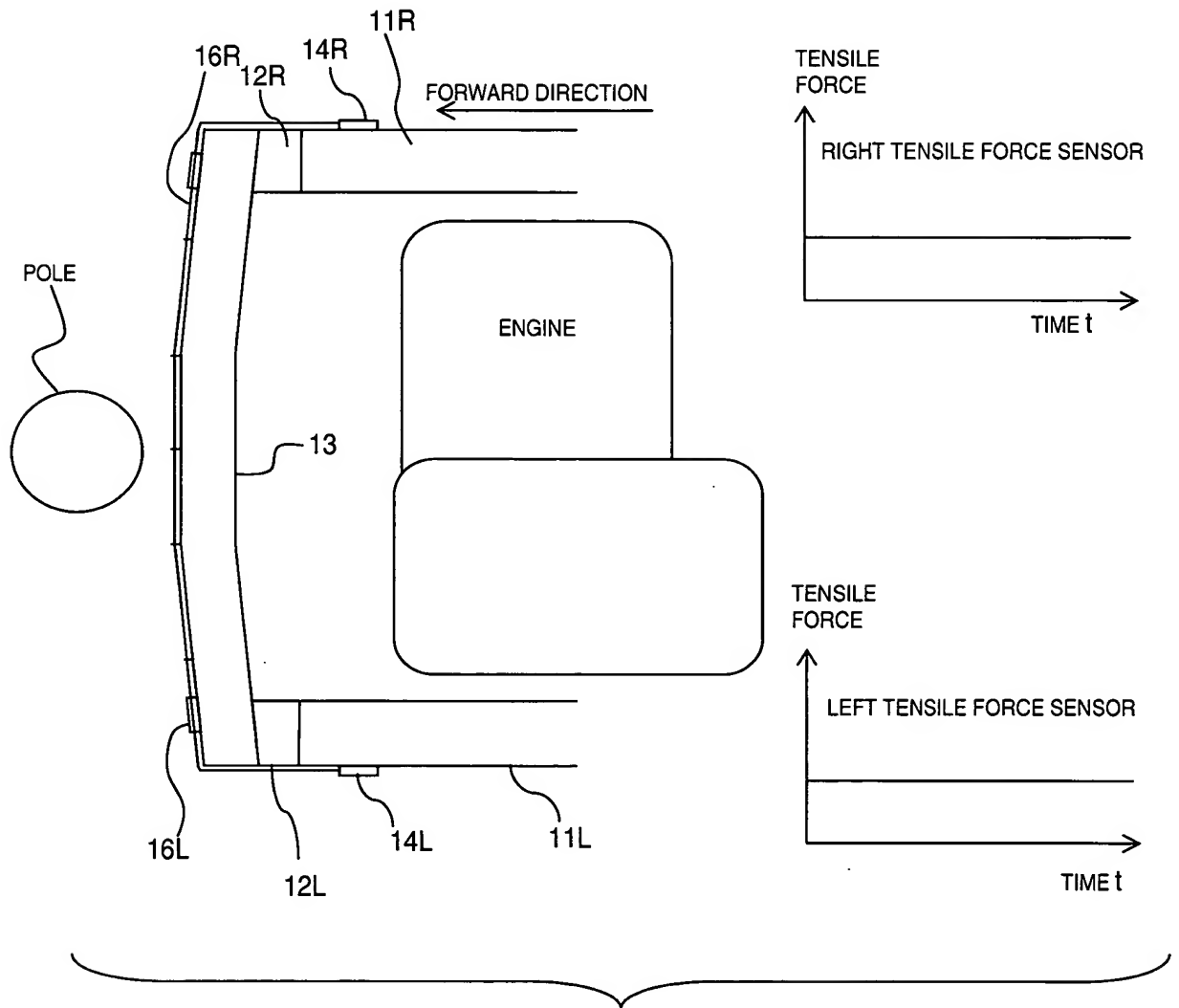


Fig. 6(A)

POLE COLLISION AT 15 km/h

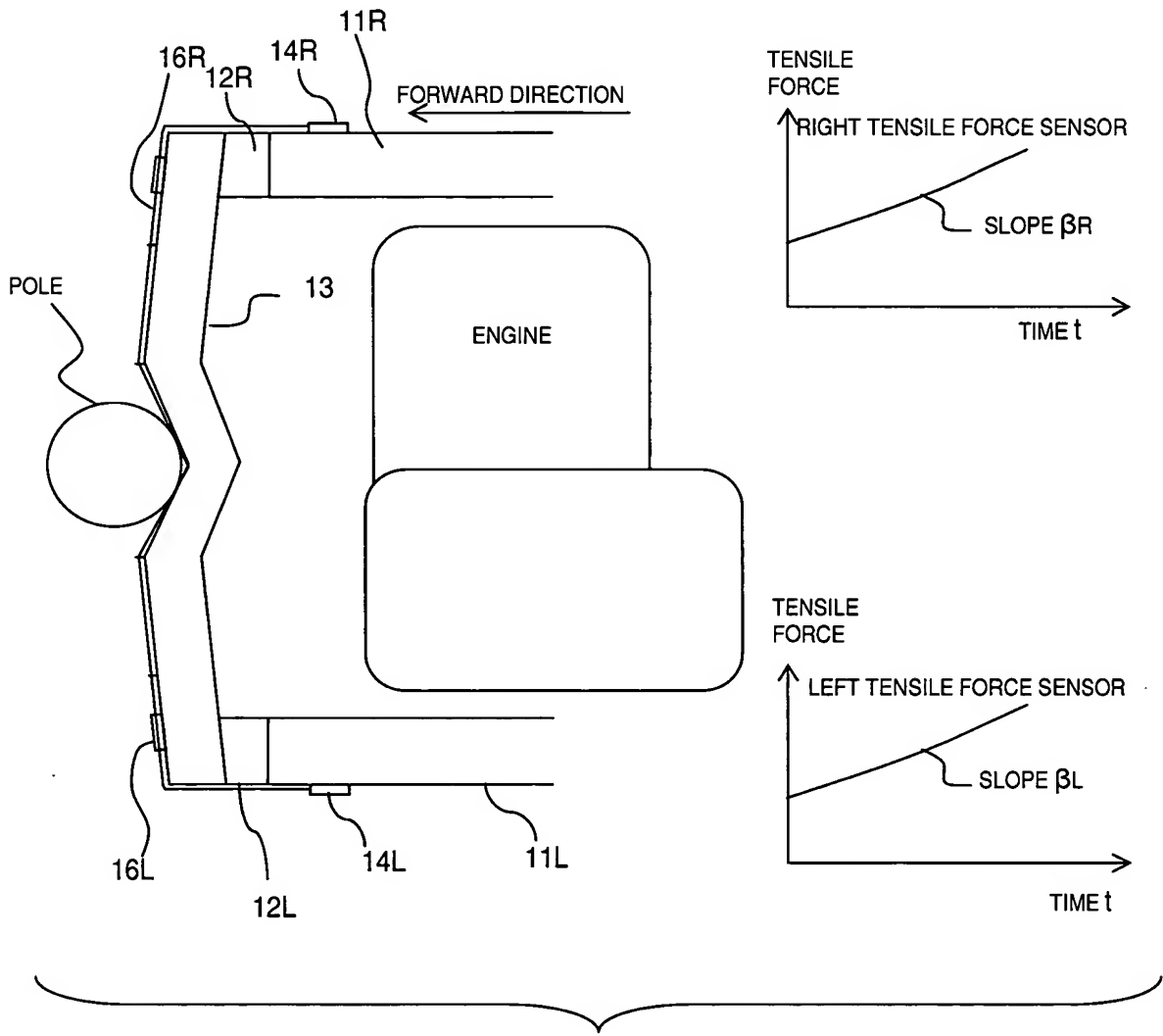


Fig. 6(B)

POLE COLLISION AT 64 km/h

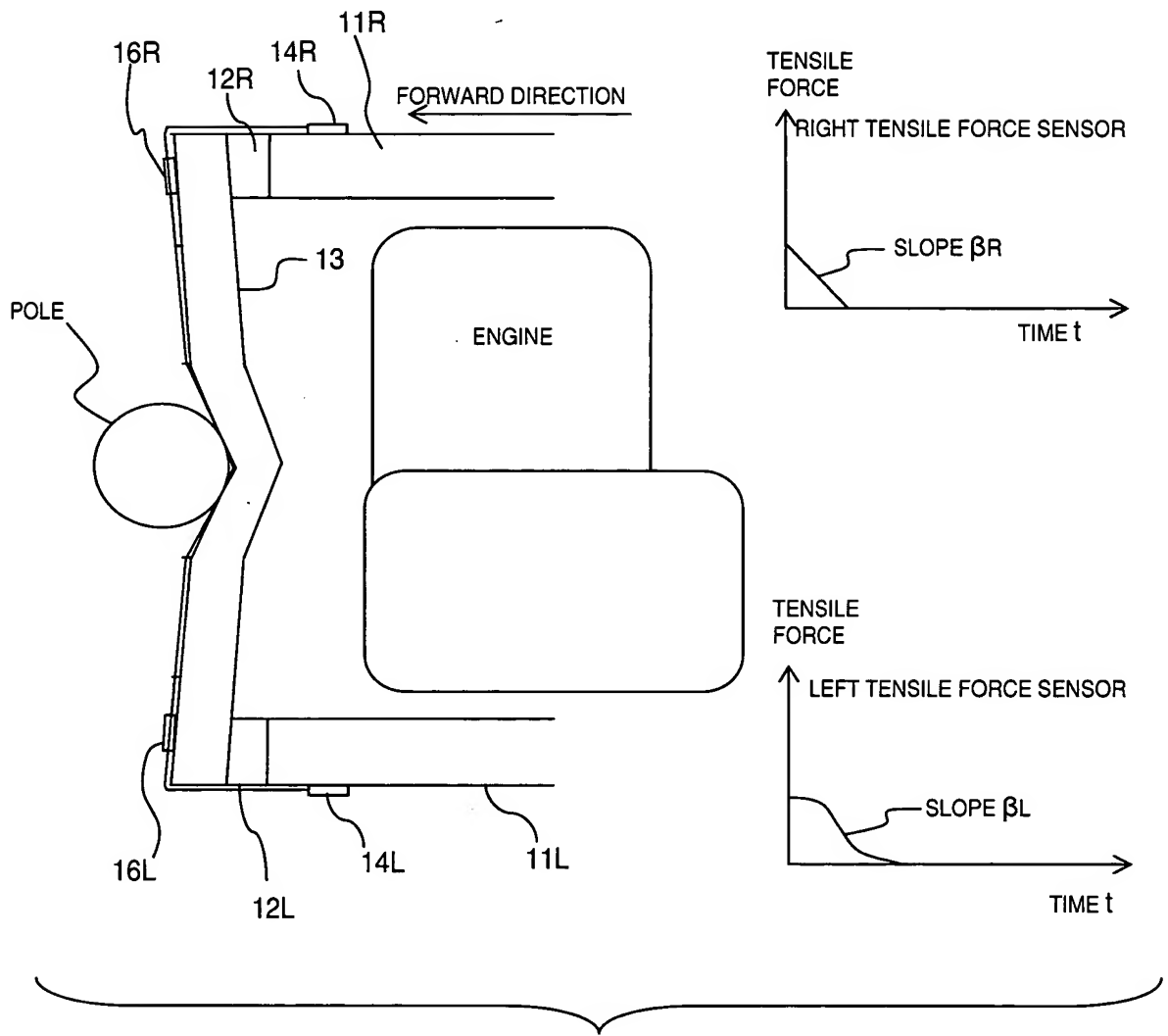


Fig. 6(C)

BEFORE OBLIQUE OFFSET COLLISION

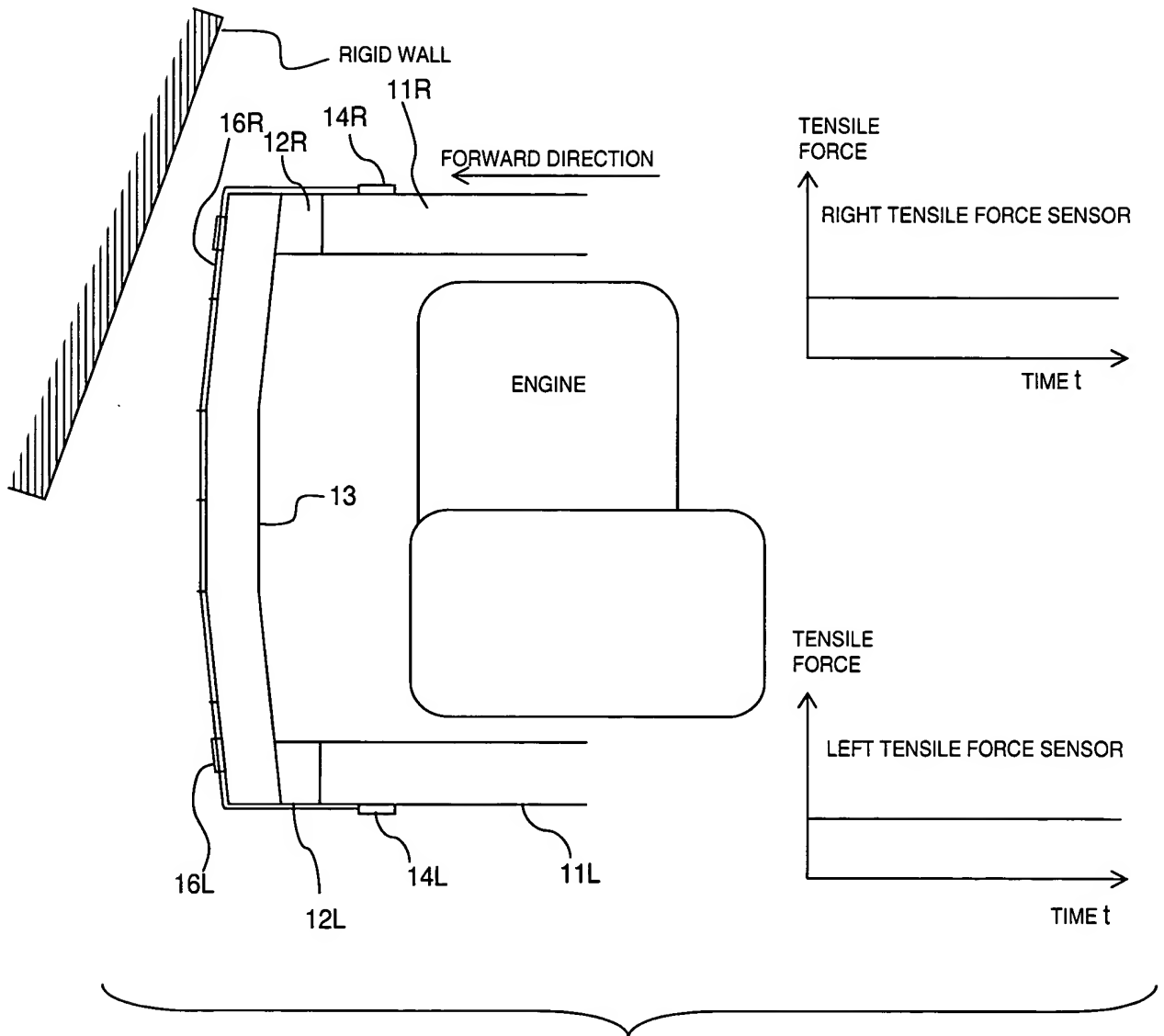


Fig. 7(A)

OBLIQUE OFFSET COLLISION AT 15 km/h

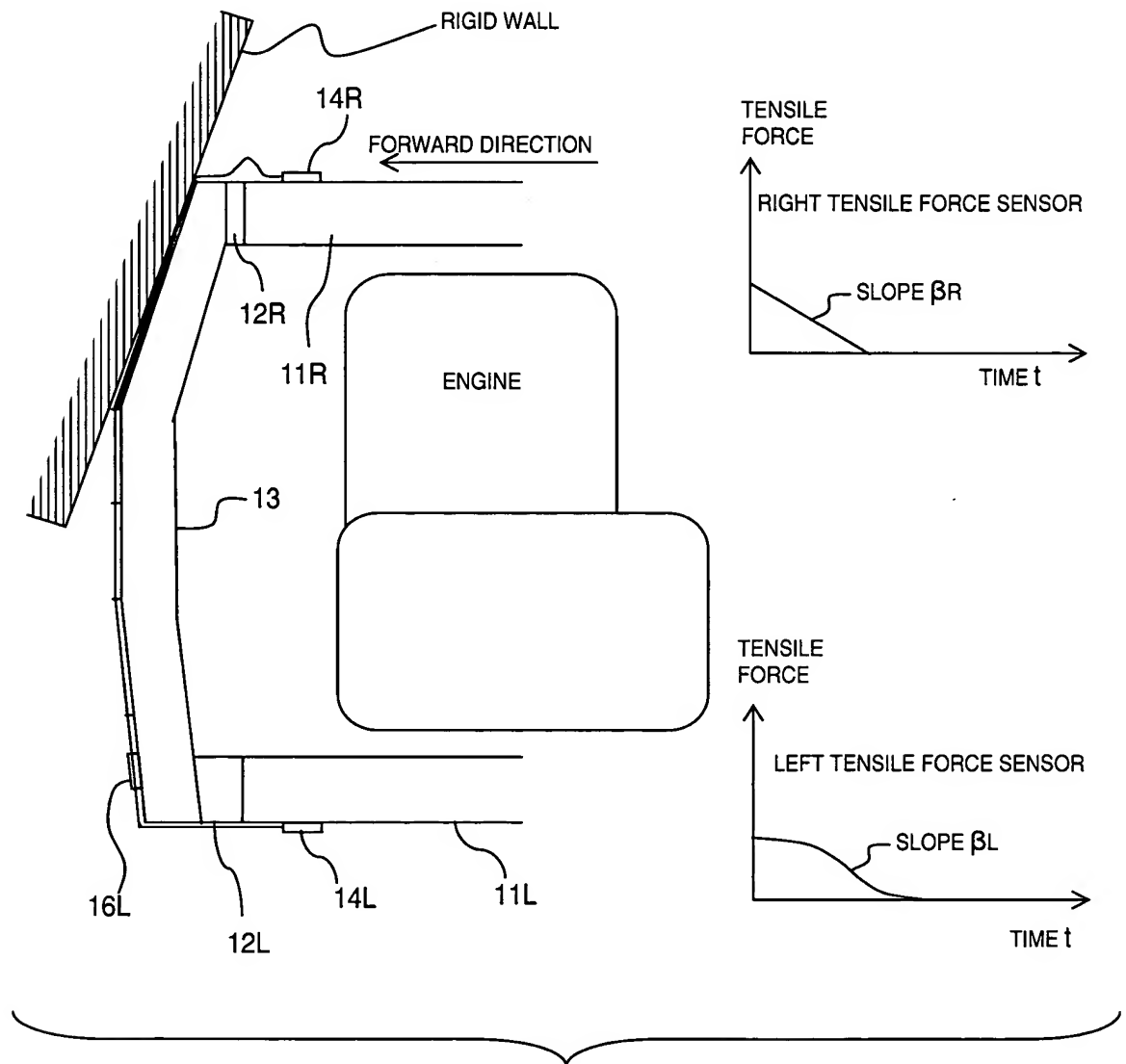


Fig. 7(B)

OBLIQUE OFFSET COLLISION AT 64 km/h

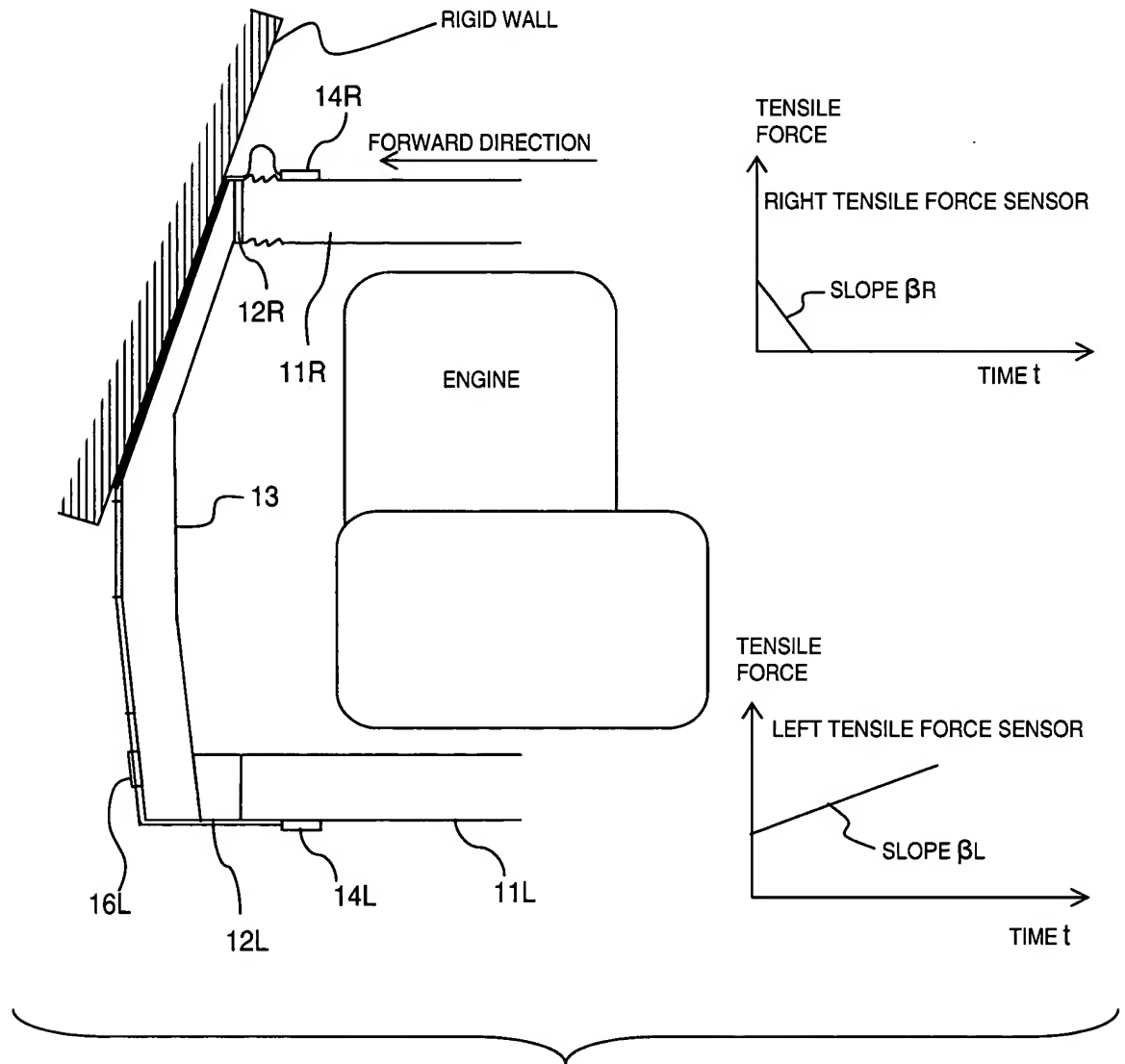


Fig. 7(C)

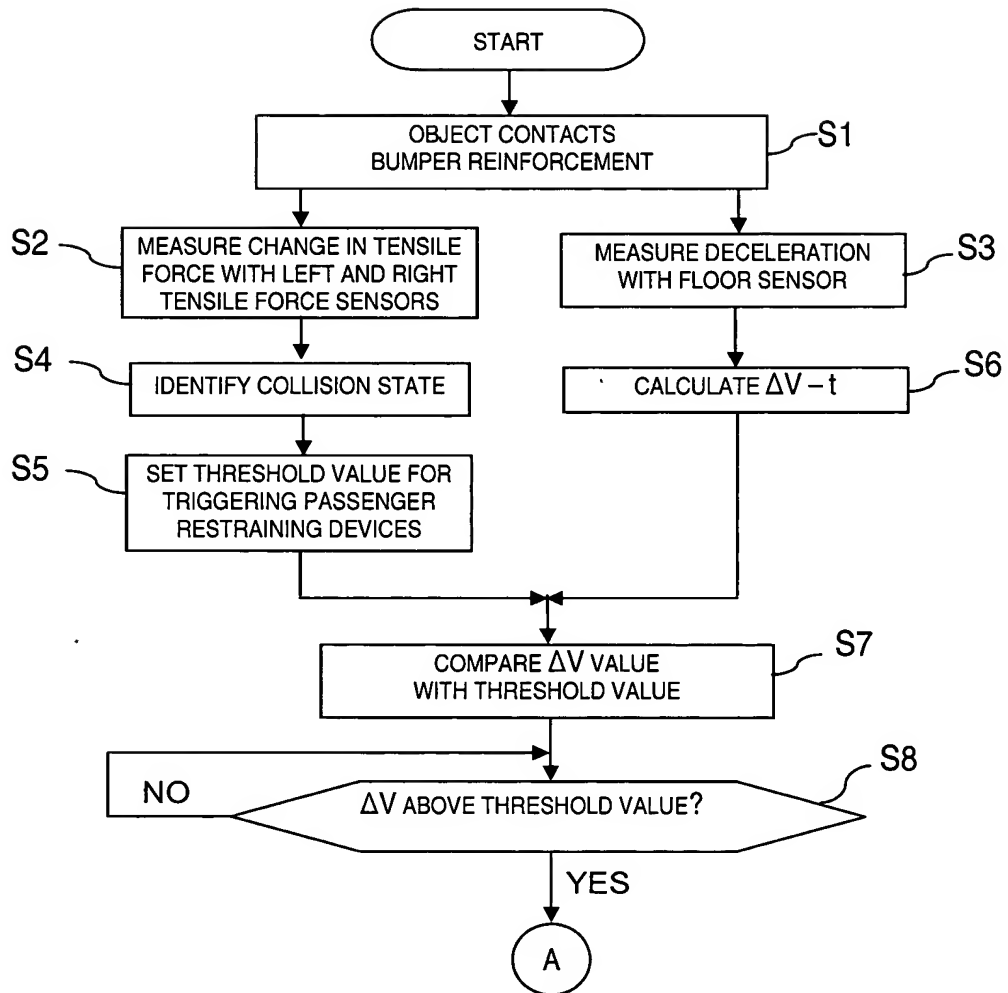


Fig. 8

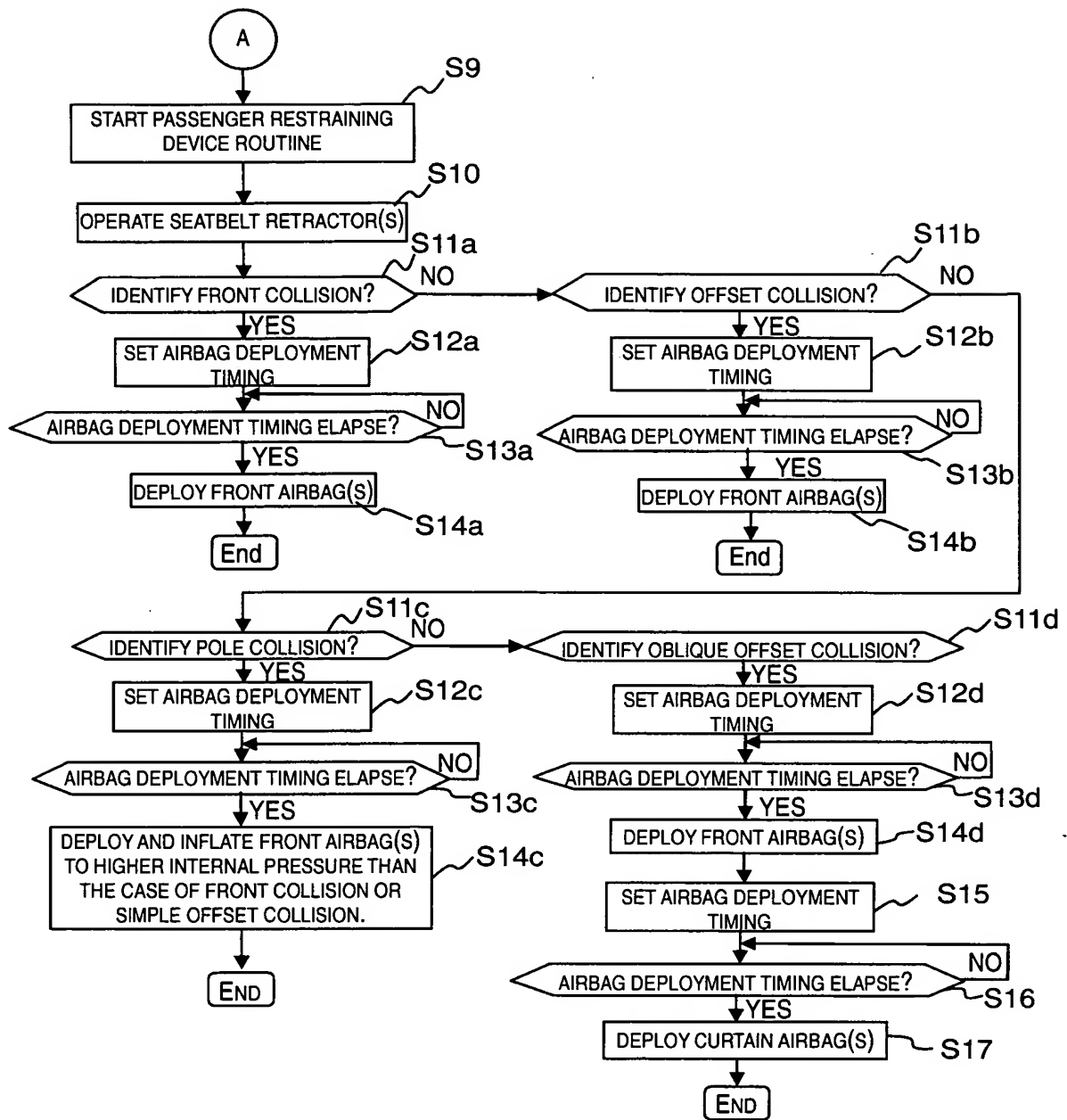
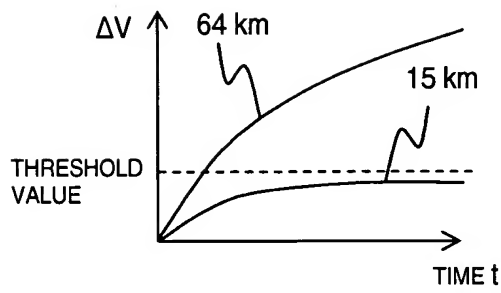


Fig. 9



FULL FRONT  
COLLISION

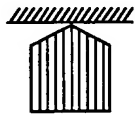
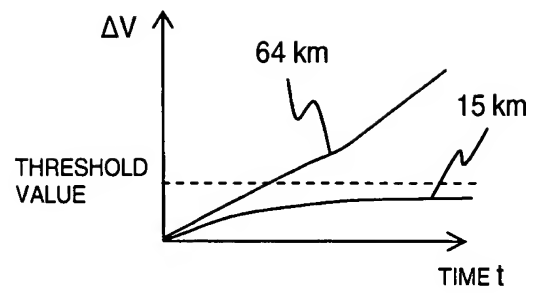


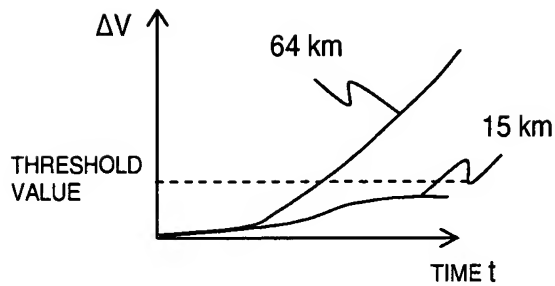
Fig. 10(A)



OFFSET  
COLLISION



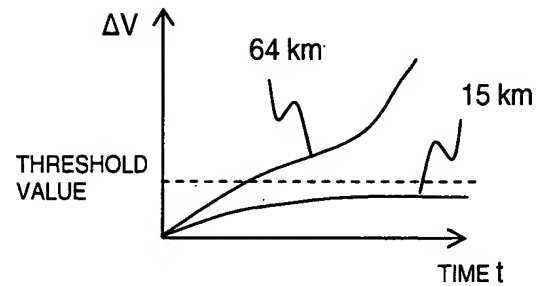
Fig. 10(B)



POLE  
COLLISION



Fig. 10(C)



OBLIQUE OFFSET  
COLLISION

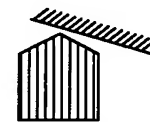
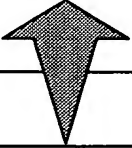
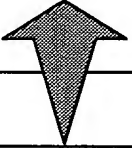
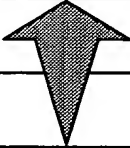


Fig. 10(D)

TABLE 1 AIRBAG DEPLOYMENT TIMING (INFLATOR IGNITION TIMING)

	SMALL CAR	MEDIUM CAR	LARGE CAR
FULL FRONT COLLISION	EARLIER	EARLIER	EARLIER
POLE COLLISION			
OBLIQUE OFFSET COLLISION			
OFFSET COLLISION	LATER	LATER	LATER

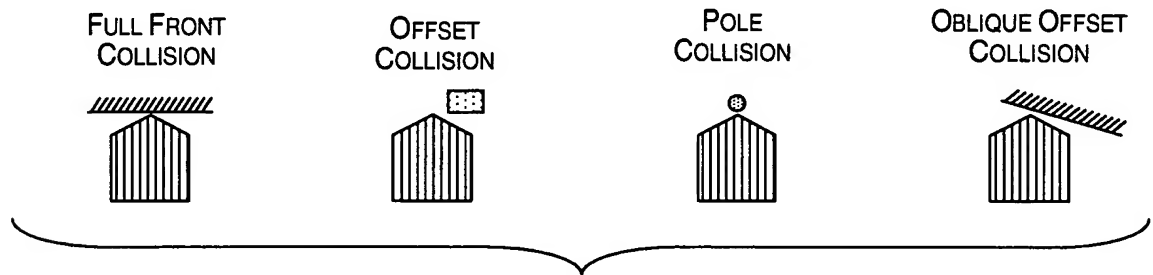


Fig. 11


	FRONT COLLISION	OFFSET COLLISION	POLE COLLISION	OBLIQUE COLLISION
THRESHOLD VALUE ( $\Delta V$ VALUE)	LARGER			SMALLER

Fig. 12

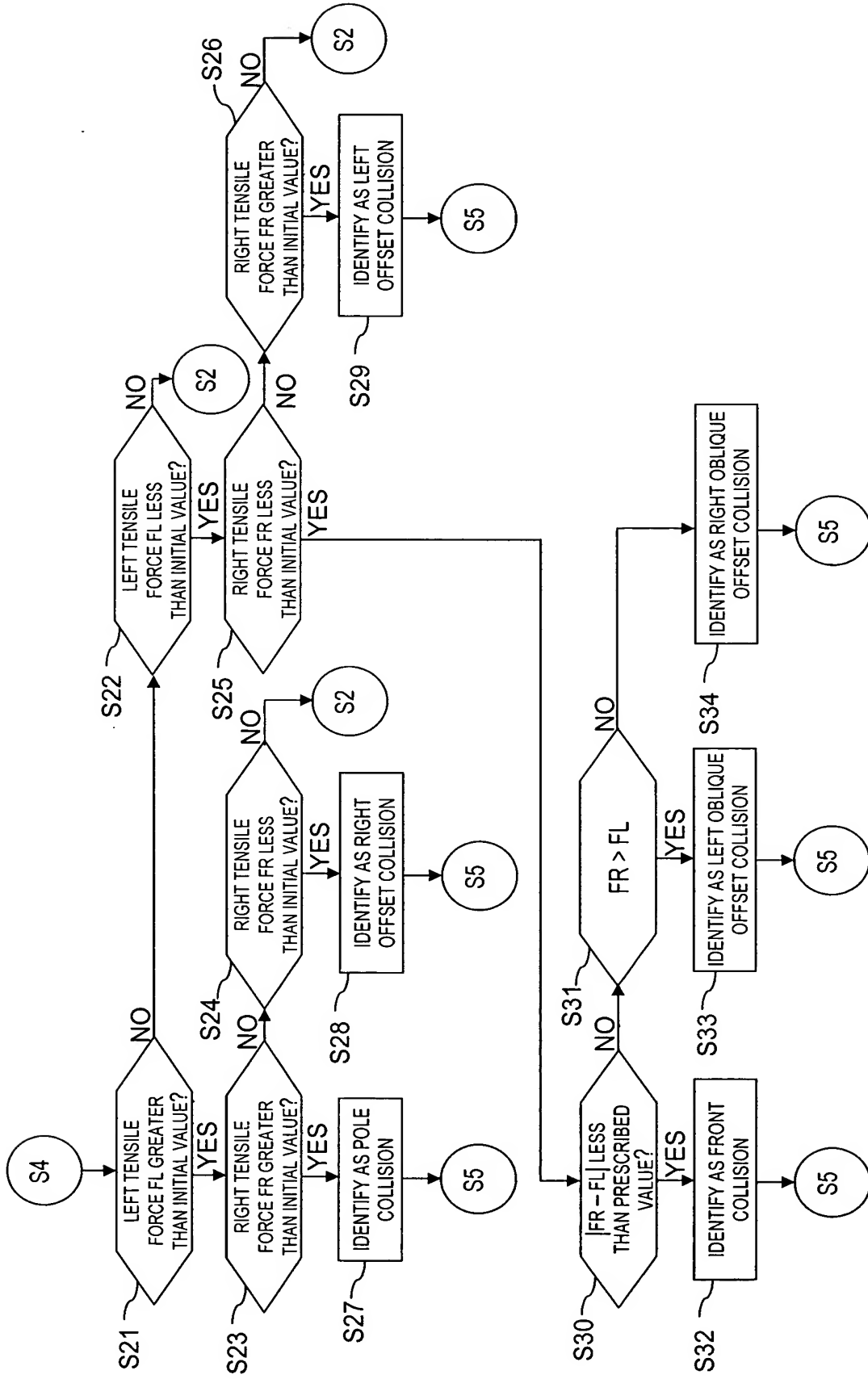


Fig. 13

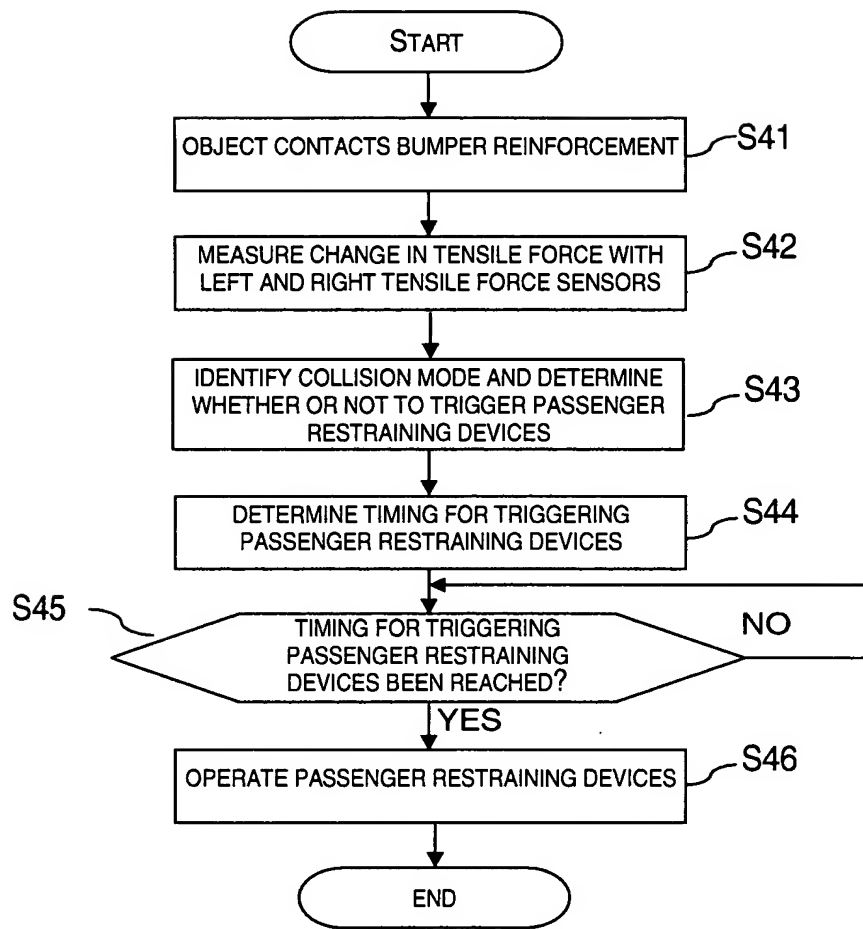
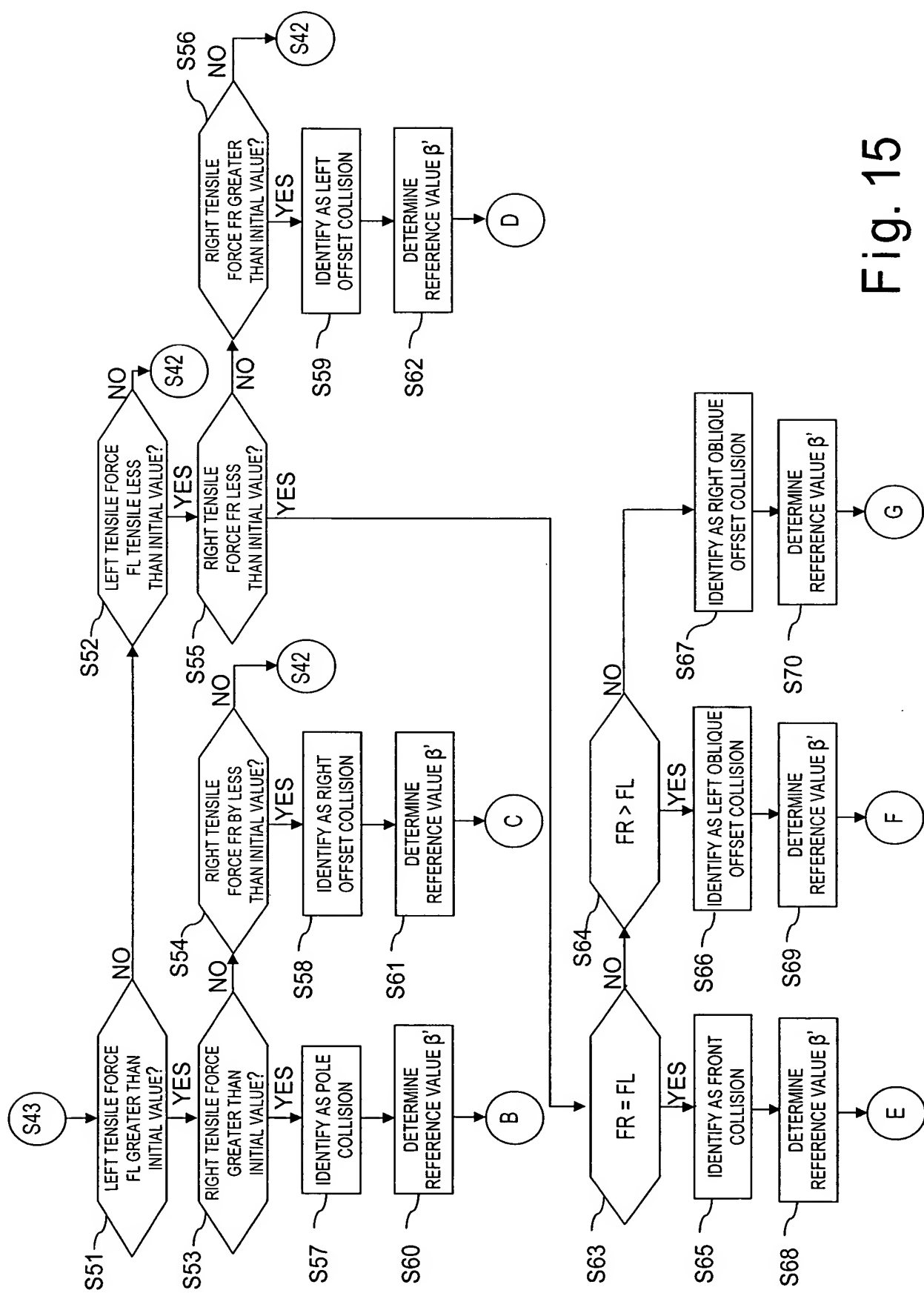


Fig. 14



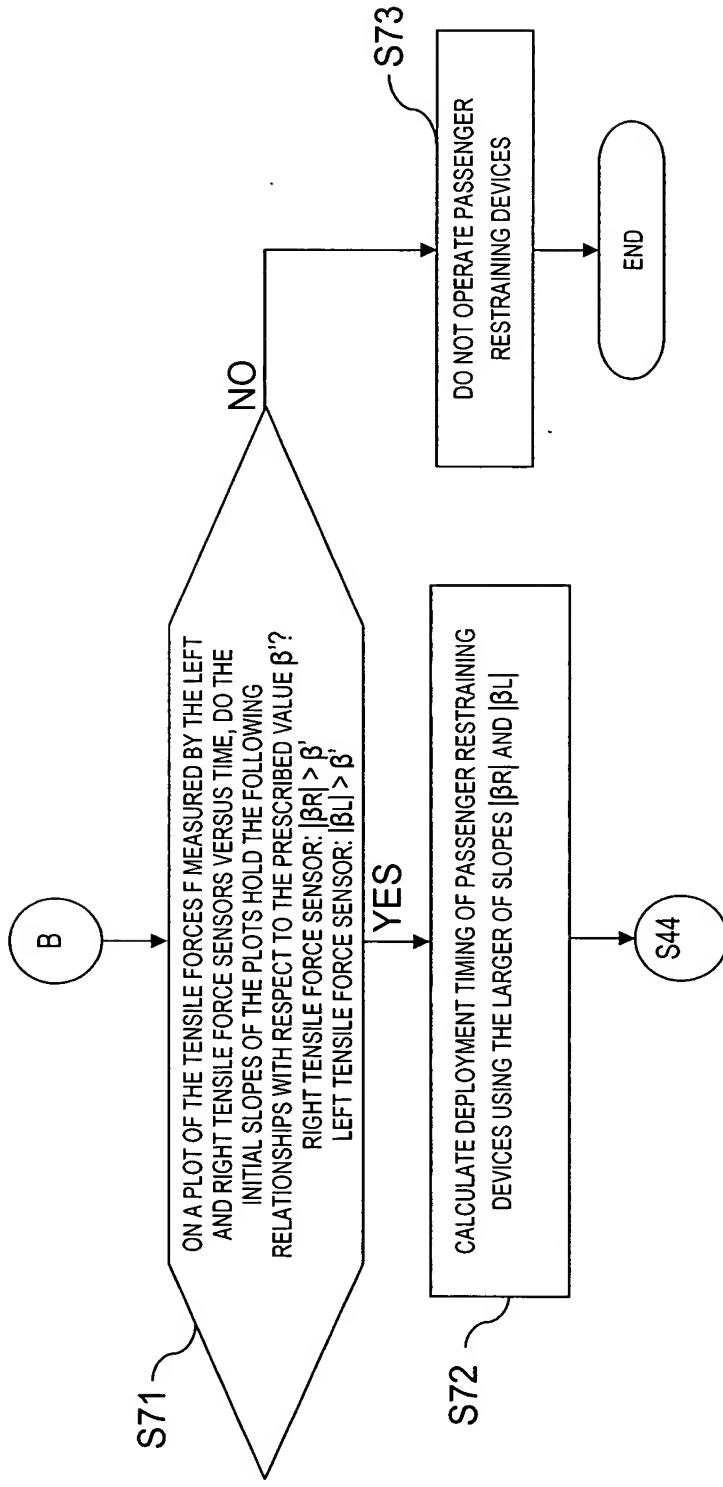


Fig. 16

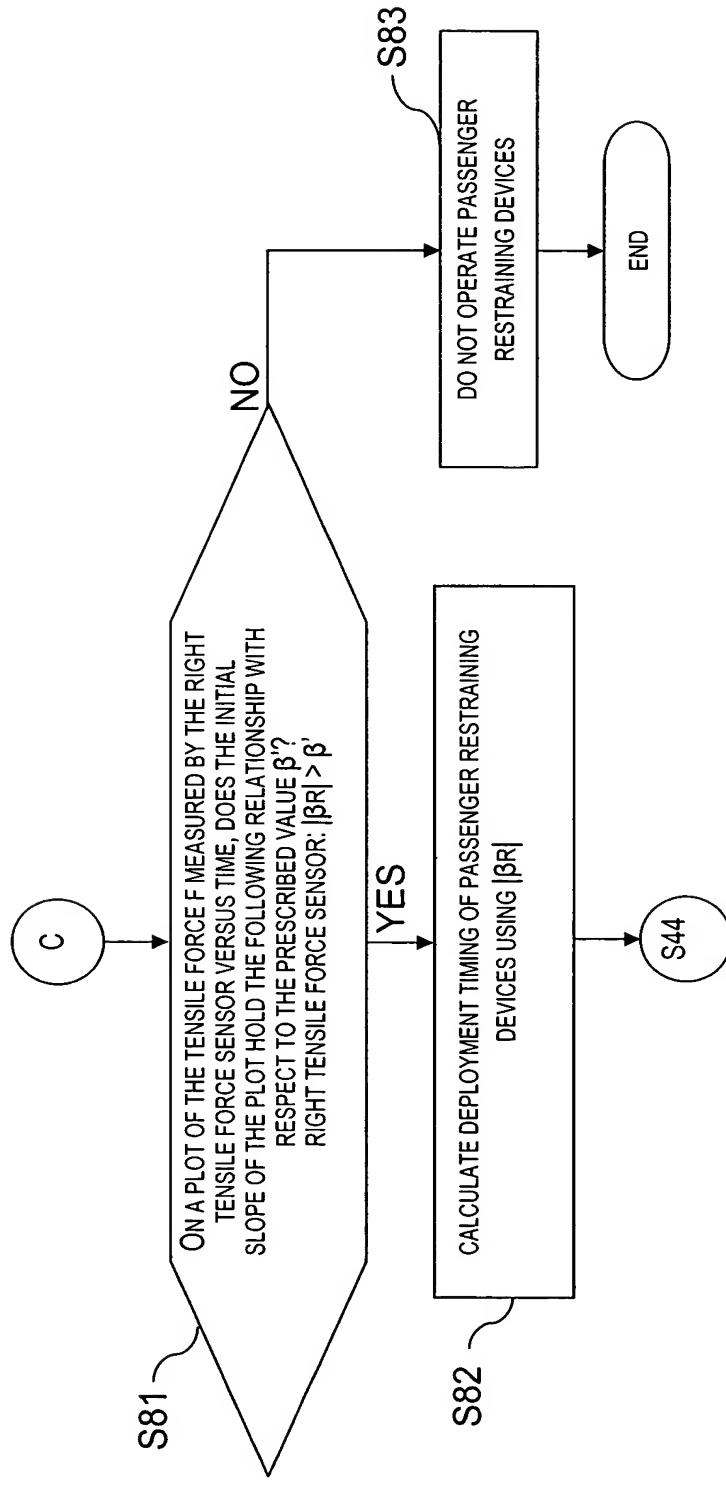


Fig. 17

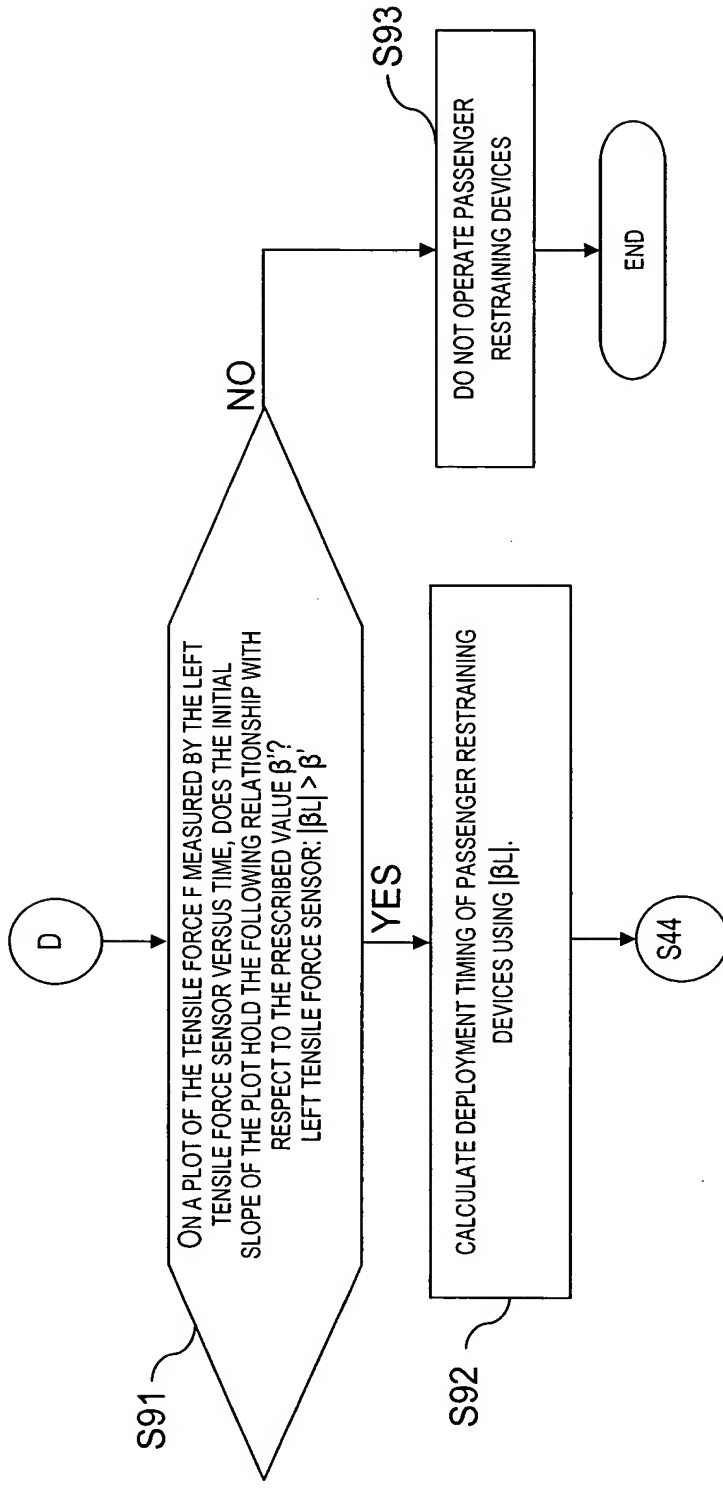


Fig. 18

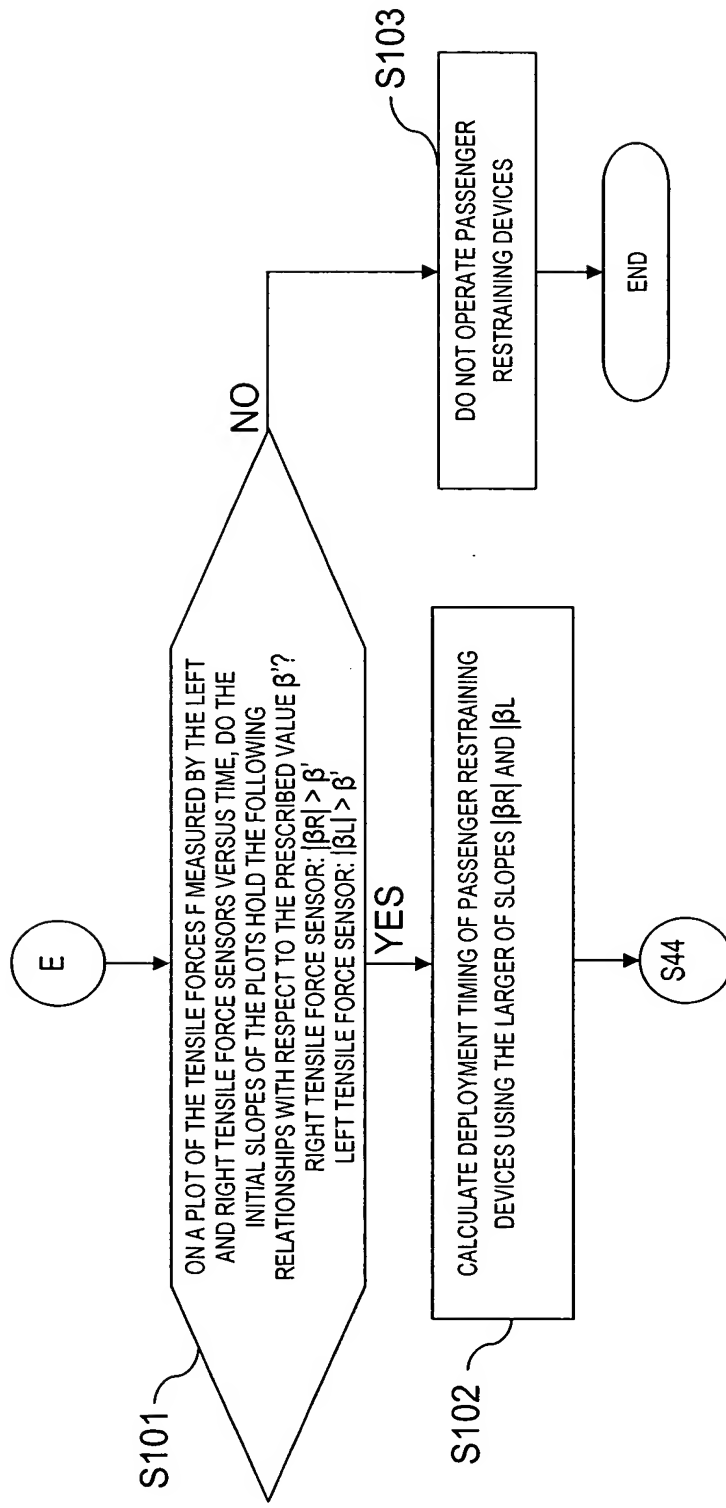


Fig. 19

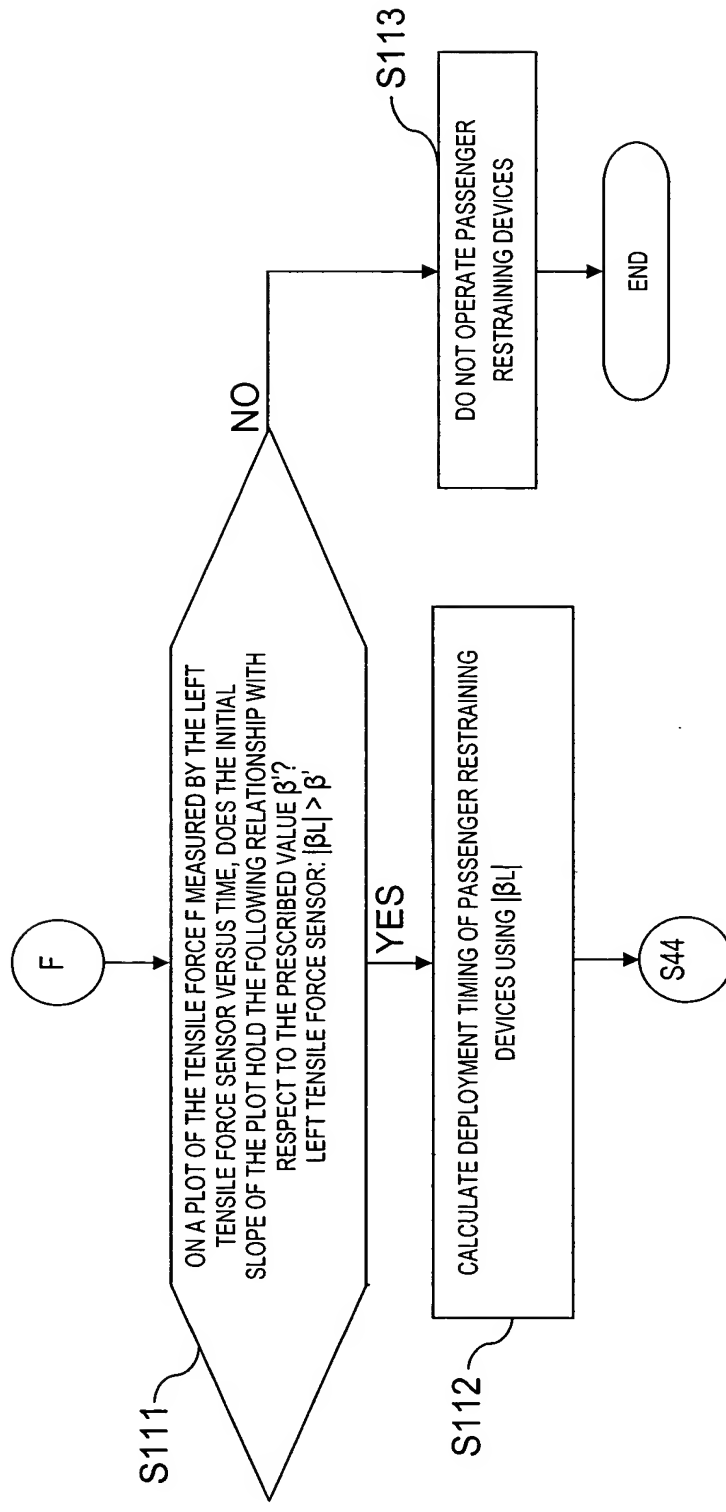


Fig. 20

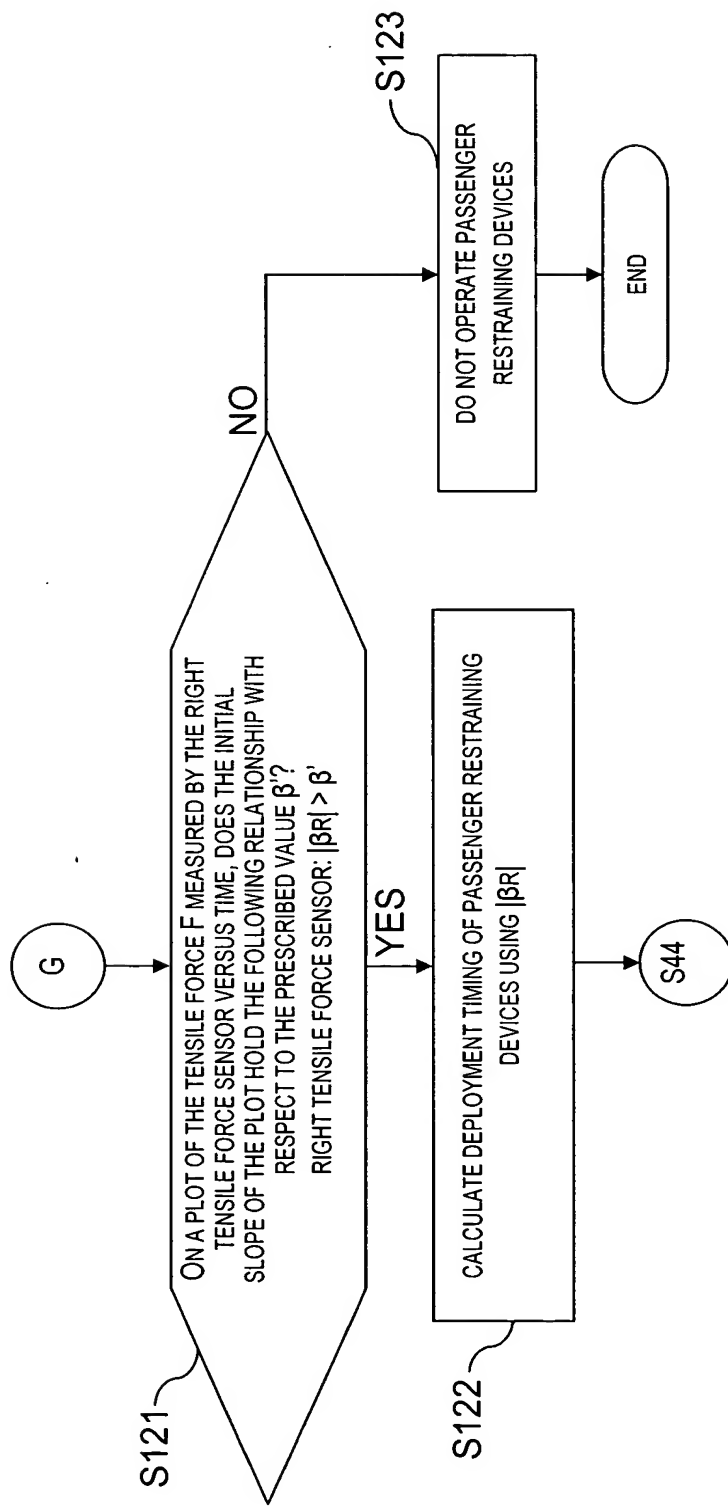


Fig. 21

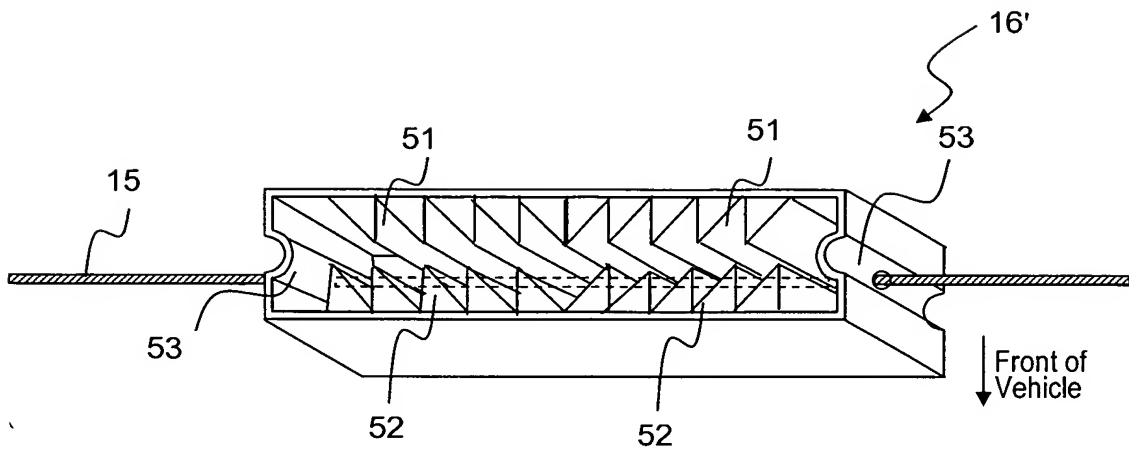


Fig. 22(A)

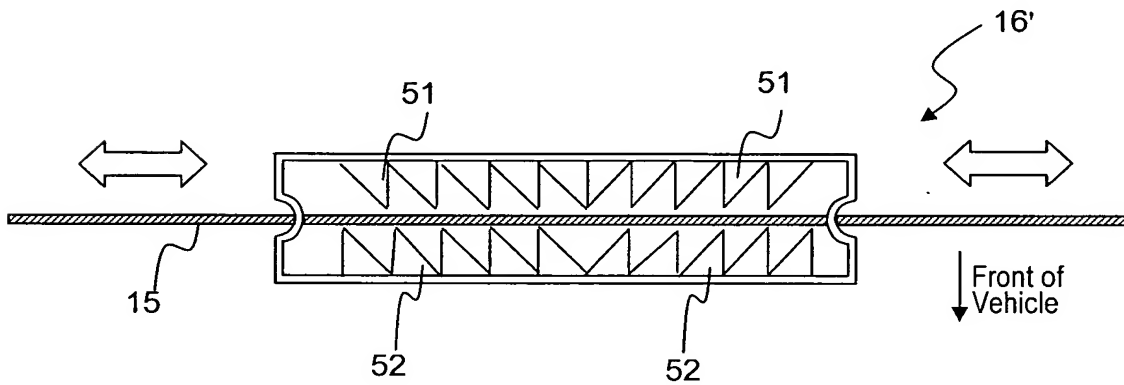


Fig. 22(B)

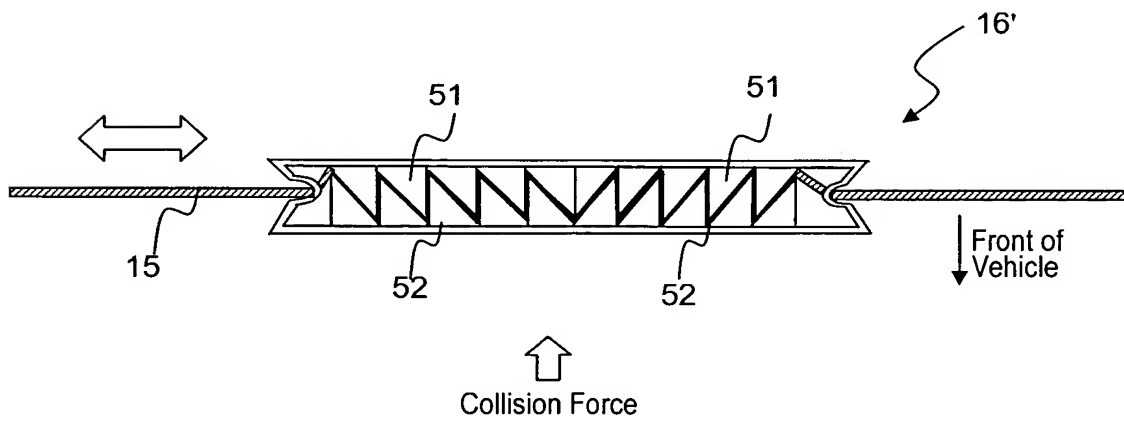


Fig. 22(C)